

AMENDMENTS TO THE CLAIMS

1. **(Currently amended)** A blended woven or knit fabric comprising
highly fusible polyurethane elastic filaments having at least 50% retention of tenacity
after dry heat treatment at 150°C for 45 seconds at 100% extension and a melting point of 180°C
or below and

at least one kind of non-elastic yarn,

said fabric being obtained by dry or wet heat setting so as to thermally fuse the highly
fusible polyurethane elastic filaments to each other or to the non-elastic yarns at crossover points
therebetween,

wherein the highly fusible polyurethane elastic filaments are melt spun without prior
solidification from a polymer obtained by reacting

(A) a both end isocyanate-terminated prepolymer prepared by the reaction of a ~~polyol~~
polymer diol having a number-average molecular weight of 800 to 3,000 and a diisocyanate with

(B) a both end hydroxy-terminated prepolymer prepared by the reaction of a ~~polyol~~
polymer diol having a number-average molecular weight of 800 to 3,000, a diisocyanate and a
low-molecular-weight diol having a molecular weight of 500 or less,

wherein at least 50 wt% of the starting ~~polyol~~ polymer diol is polyether polyol.

2. (Original) The blended woven or knit fabric of claim 1 further comprising high-
melting polyurethane elastic filaments having a melting point of 200°C or higher,

said fabric being obtained by thermally fusing the highly fusible polyurethane elastic
filament with the high-melting polyurethane elastic filaments at crossover points therebetween.

3. (Canceled)

4. (Withdrawn) A process for manufacturing a blended woven or knit fabric containing polyurethane elastic filaments comprising the steps of

forming a woven or knit fabric using highly fusible polyurethane elastic filaments having at least 50% retention of tenacity after dry heat treatment at 150°C for 45 seconds at 100% extension and a melting point of 180°C or below and at least one kind of non-elastic yarn and

dry or wet heat setting the woven or knit fabric so as to thermally fuse the highly fusible polyurethane elastic filaments to each other or to the non-elastic yarns at crossover points therebetween.

5. (Withdrawn) The blended woven or knit fabric manufacturing process of claim 4 which additionally uses high-melting polyurethane elastic filaments having a melting point of 200°C or higher, and thermally fuses the highly fusible polyurethane elastic filaments with the high-melting polyurethane elastic filaments at crossover points therebetween.

6. (Currently amended) Highly fusible polyurethane elastic filaments having at least 50% retention of tenacity after dry heat treatment at 150°C for 45 seconds at 100% extension and a melting point of 180°C or below,

wherein the highly fusible polyurethane elastic filaments are melt spun without prior solidification from a polymer obtained by reacting

(A) a both end isocyanate-terminated prepolymer prepared by the reaction of a ~~polyol~~
polymer diol having a number-average molecular and a diisocyanate with

(B) a both end hydroxy-terminated prepolymer prepared by the reaction of a ~~polyol~~
polymer diol having a number-average molecular weight of 800 to 3,000, a diisocyanate and a
low molecular weight diol having a molecular weight of 500 or less,

wherein at least 50 wt% of the starting ~~polyol~~ polymer diol is polyether polyol.

7. (Canceled)

8. **(Currently amended)** The highly fusible polyurethane elastic filaments of claim 6,
wherein the ~~polyol~~ polymer diol has a number-average molecular weight of from 800 to 3,000,
the molar ratio of the number of moles of all the diisocyanate to the combined number of moles
of all the ~~polyol~~ polymer diol and all the low-molecular-weight diol for the reactions as a whole
is from 1.02 to 1.20, and the amount of isocyanate groups remaining in the just spun filaments is
from 0.3 to 1 wt%.

9. (Withdrawn) A process for manufacturing highly fusible polyurethane filaments
comprising the steps of:

synthesizing a spinning polymer by reacting

(A) a both end isocyanate-terminated prepolymer prepared by the reaction of a polyol and
a diisocyanate with

(B) a both end hydroxy-terminated prepolymer prepared by the reaction of a polyol, a diisocyanate and a low molecular weight diol, and
melt spinning the polymer without prior solidification,
wherein at least 50 wt% of the starting polyol is polyether polyol.

10. (Previously presented) An article or apparel which is made from the blended woven or knit fabric of claim 1.

11. (Previously presented) The blended woven or knit fabric of claim 1, wherein the highly fusible polyurethane elastic filament and at least one kind of non-elastic yarn are separately fed to a feeder.

12. (Previously presented) The blended woven or knit fabric of claim 1, which is a weft knit fabric wherein the highly fusible polyurethane elastic filament and at least one kind of non-elastic yarn are used together in the same courses.

13. (Previously presented) The blended woven or knit fabric of claim 12, wherein the highly fusible polyurethane elastic filament is knit in at every course or knit in at every other one or more course.

14. (Previously presented) The blended woven or knit fabric of claim 13, wherein the highly fusible polyurethane elastic filament and the non-elastic yarn are knit in either in an alternating arrangement or at some other suitable interval therebetween.

15. (Previously presented) The blended woven or knit fabric of claim 13, wherein the highly fusible polyurethane elastic filament and the non-elastic yarn, and the non-elastic yarn or the high-melting polyurethane elastic filament and the non-elastic yarn are knit in either in an alternating arrangement or at some other suitable interval therebetween.

16. (Previously presented) The blended woven or knit fabric of claim 13, wherein the highly fusible polyurethane elastic filament, and the non-elastic yarn or the highly fusible polyurethane elastic filament and the non-elastic yarn are knit in either in an alternating arrangement or at some other suitable interval therebetween.

17. (Previously presented) The blended woven or knit fabric of claim 1, wherein the highly fusible polyurethane elastic filament is used as a composite yarn along with the non-elastic yarn.

18. (Previously presented) The blended woven or knit fabric of any one of claims 12 to 17, wherein the highly fusible polyurethane elastic filament is either laid in, knit in or plated.

19. (Previously presented) The blended woven or knit fabric of claim 1, which is a warp knit fabric wherein the highly fusible polyurethane elastic filament and at least one kind of non-elastic yarn are used in combination.

20. (Previously presented) The blended woven or knit fabric of claim 1, wherein the highly fusible polyurethane elastic filament is knit in throughout the fabric or knit in at suitable intervals.

21. (Previously presented) The blended woven or knit fabric of claim 1, wherein the highly fusible polyurethane elastic filament is either used alone or doubled with the high-melting polyurethane elastic filament and is fully threaded (All in) or threaded at every other guide (1 in - 1 out).

22. (Previously presented) The blended woven or knit fabric of any one of claims 19 to 21, wherein the highly fusible polyurethane elastic filament is either laid in or knit in.

23. (Previously presented) The blended woven or knit fabric of claim 1, wherein the fabric is cut and used without sewing up the cut edges.

24. (New) The blended woven or knit fabric of claim 1, wherein the number of moles of all the diisocyanate to the combined number of moles of all the polymer diol and all the low-molecular-weight diol is 1.02 to 1.20.

25. (New) The blended woven or knit fabric of claim 1, wherein the prepolymers are reacted so that the amount of isocyanate groups remaining in a just-spun filaments is 0.3 to 1 wt%.

26. (New) The highly fusible polyurethane elastic filaments of claim 6, wherein the number of moles of all the diisocyanate to the combined number of moles of all the polymer diol and all the low-molecular-weight diol is 1.02 to 1.20.

27. (New) The highly fusible polyurethane elastic filaments of claim 6, wherein the prepolymers are reacted so that the amount of isocyanate groups remaining in a just-spun filaments is 0.3 to 1 wt%.